

ABSTRACT OF THE DISCLOSURE

Devices and methods are provided for administering a fluid to a neuronal site. The device comprises a reservoir, an aperture in fluid connection to the reservoir, and electrical means for moving the fluid to or through the aperture. The electrical means may take the form of electroosmotic force, piezoelectric movement of a diaphragm or electrolysis of a solution. The electrical means may be external to the host, implanted in the host or may be photodiodes activated by light, particularly where the neuronal site is associated with the retina.